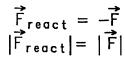


FIG. 3A



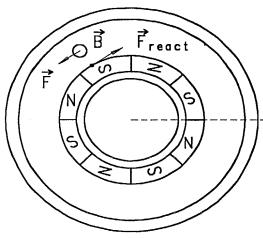
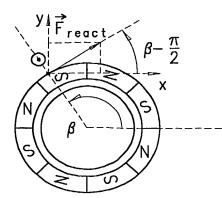


FIG. 3B

 $\vec{F}_{react} \forall |\vec{F}_{react}| > 0$

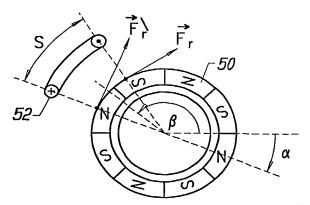


$$F_{x} = |\overrightarrow{F}_{react}| \cdot \sin(\beta)$$

$$F_{y} = |\overrightarrow{F}_{react}| \cdot \cos(\beta + \pi)$$

$$F_{y} = -|\overrightarrow{F}_{react}| \cdot \cos(\beta)$$

FIG. 4



- \oplus away from the reader: $-{\tt I}$
- ⊙ towards the reader: +I

FIG. 5

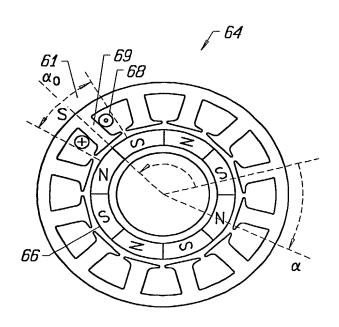


FIG. 6A

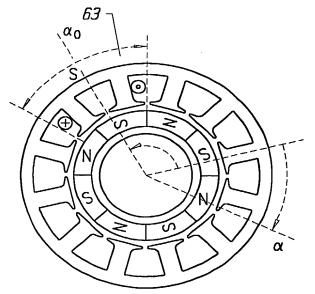
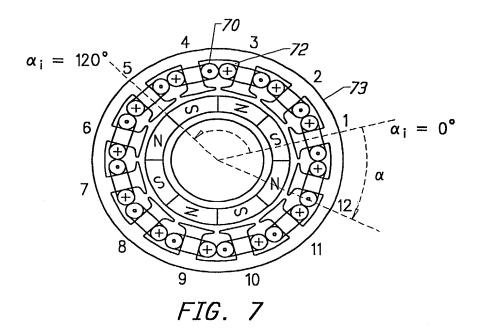


FIG. 6B



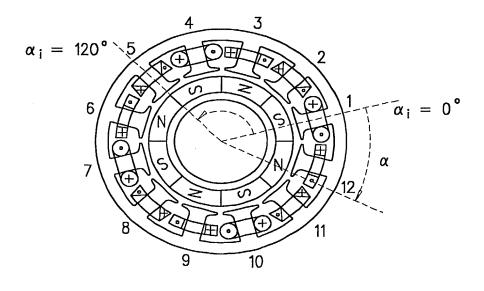
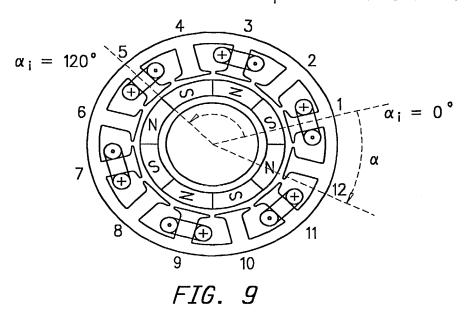
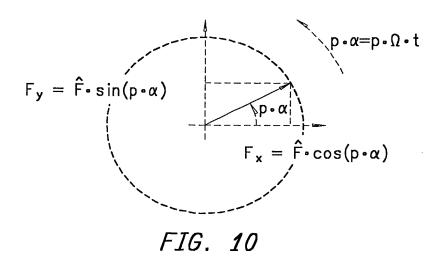
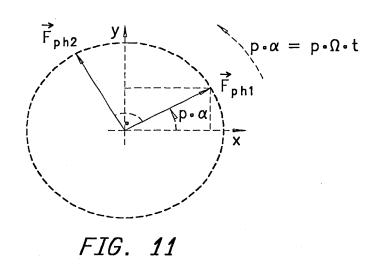


FIG. 8

phase 1: +1 -3 +5 -7 +9 -11







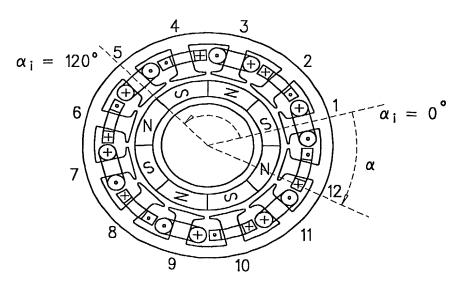


FIG. 12

O phase 1: +1 -3 +5 -7 +9 -11
O phase 2: +2 -4 +6 -8 +10 -12

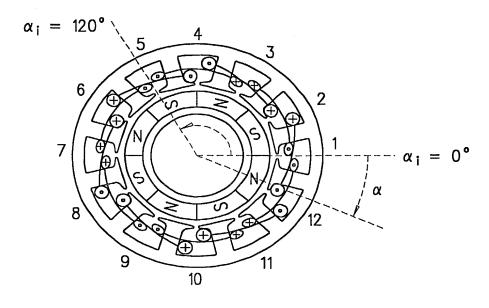


FIG. 13

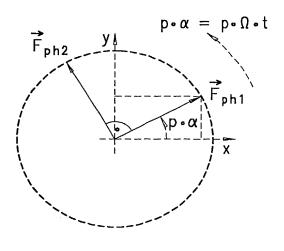


FIG. 14A

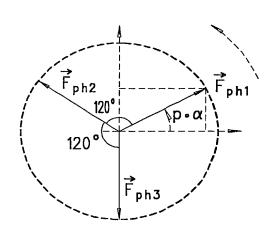


FIG. 14B

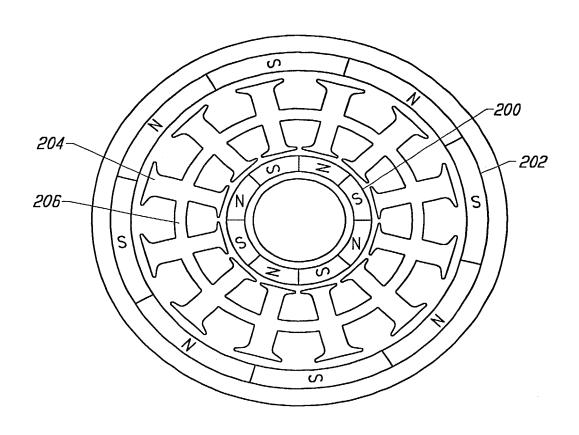


FIG. 15

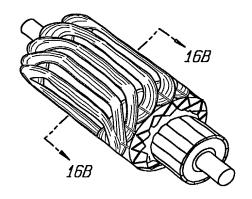


FIG. 16A

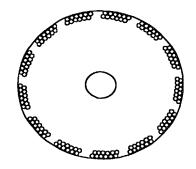


FIG. 16B

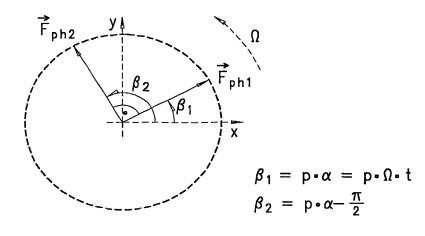


FIG. 17

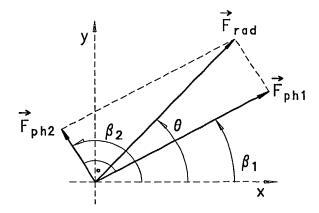


FIG. 18

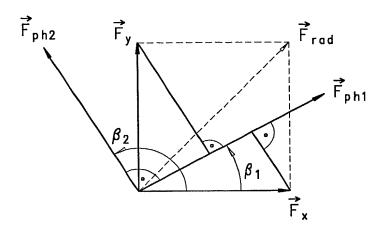


FIG. 19

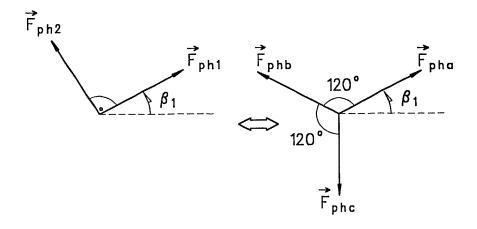


FIG. 20

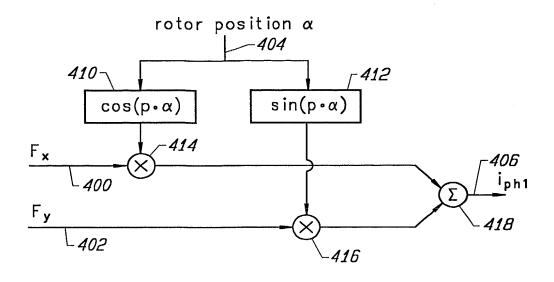


FIG. 21

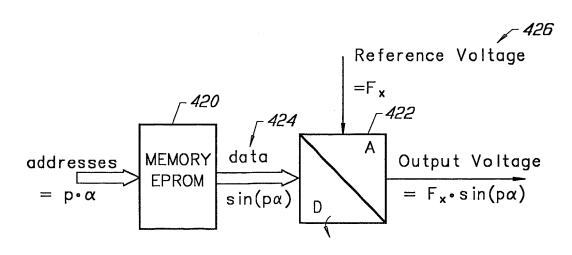


FIG. 22

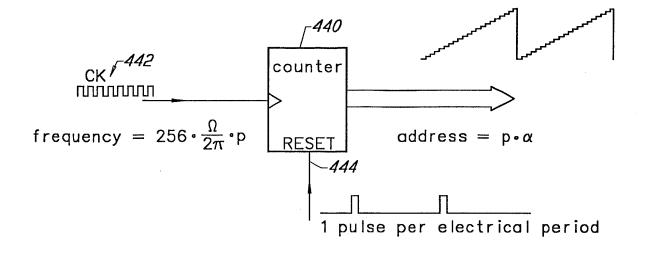


FIG. 23

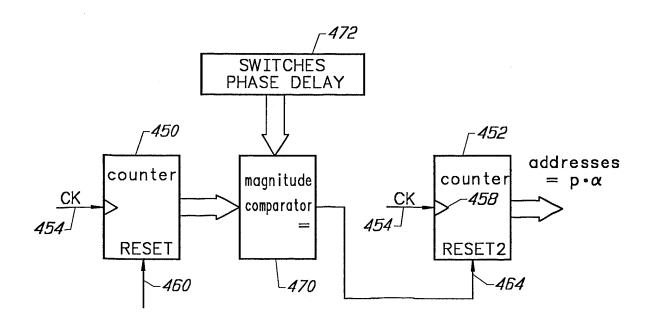


FIG. 24

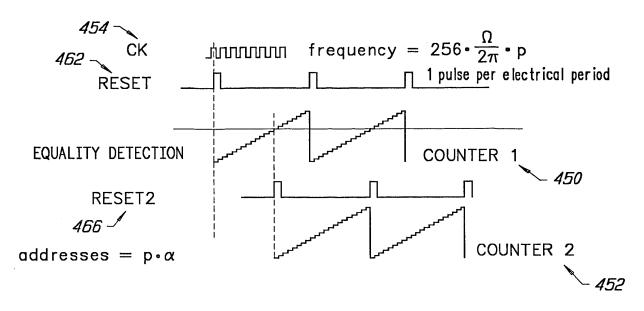


FIG. 25

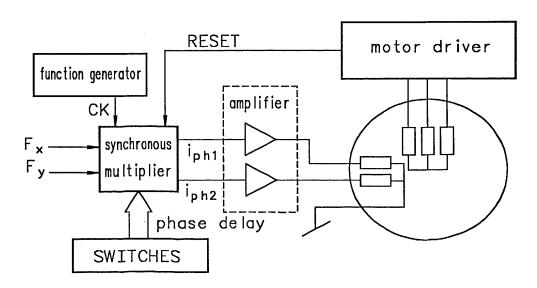


FIG. 28

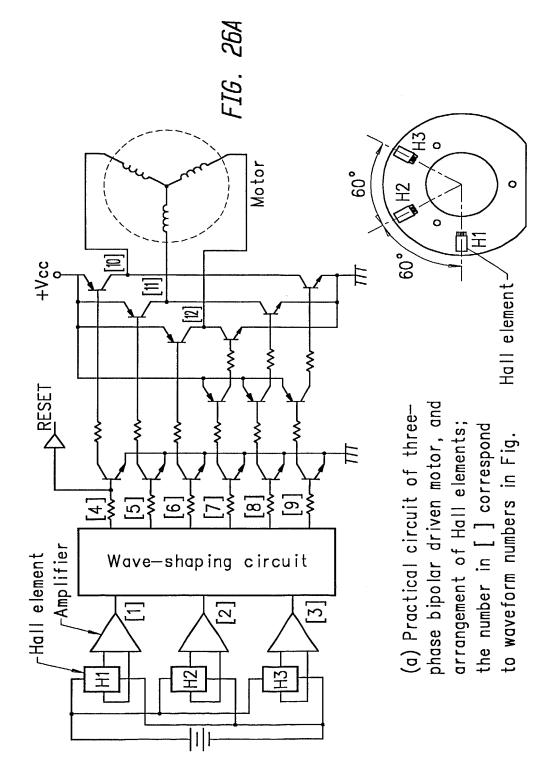


FIG. 26B

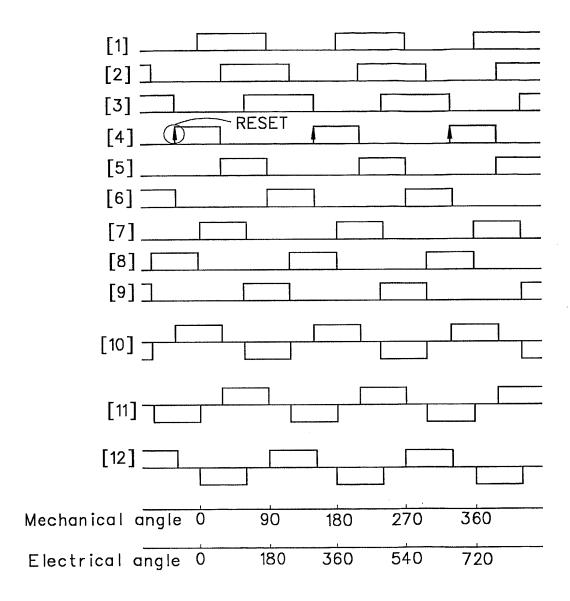


FIG. 27

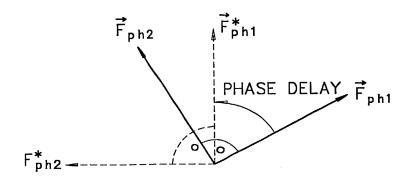


FIG. 29

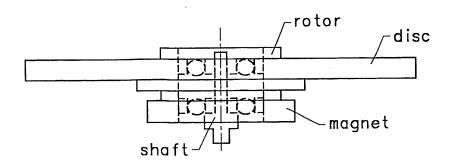


FIG. 30

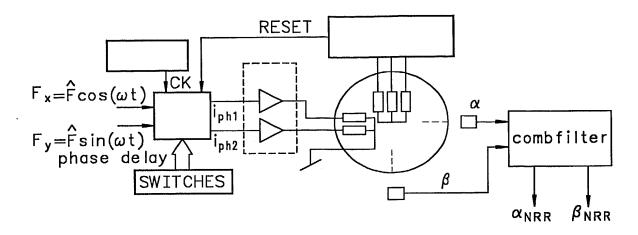


FIG. 31

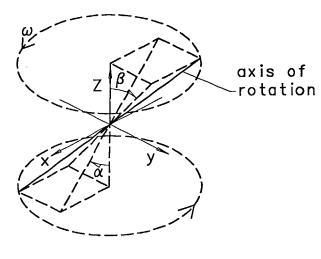
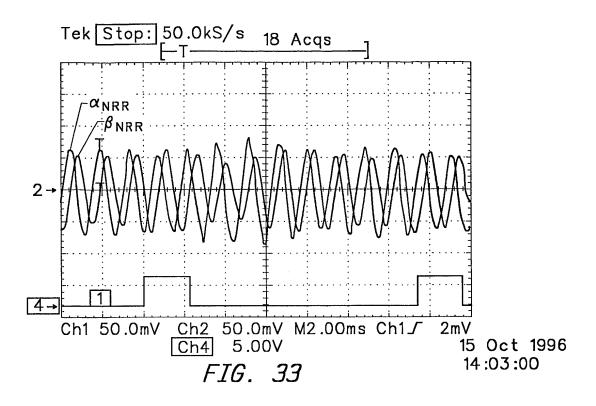
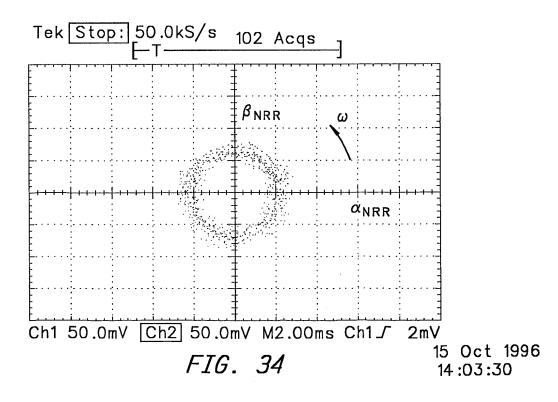
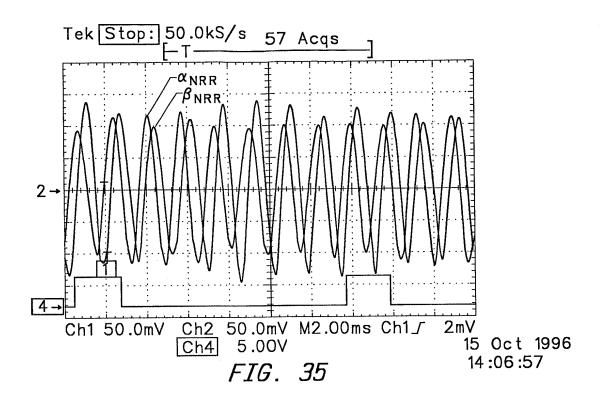
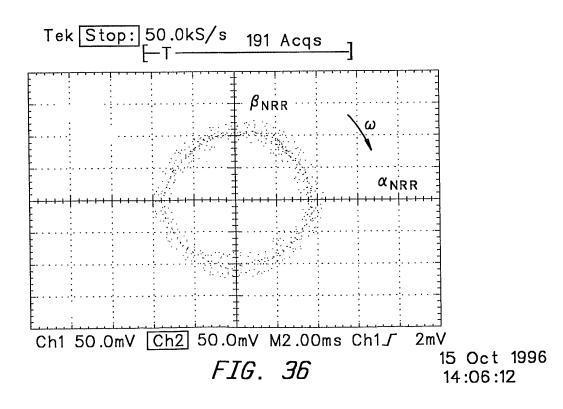


FIG. 32









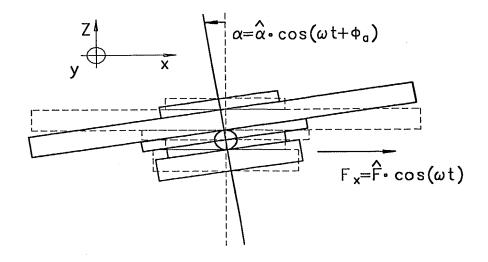


FIG. 37

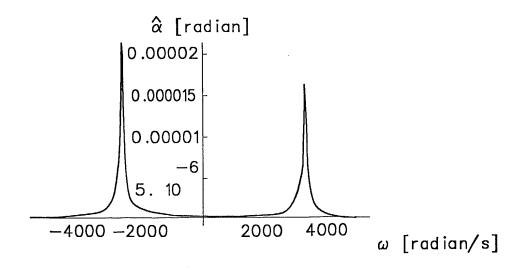
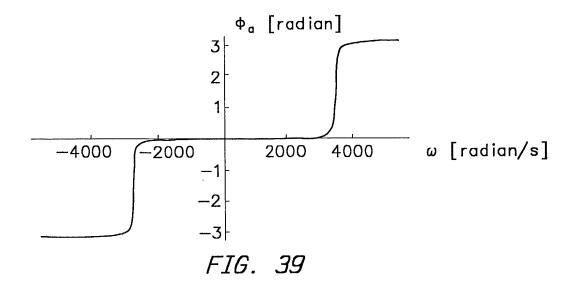
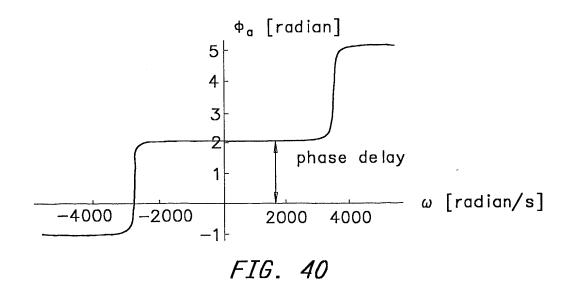


FIG. 38





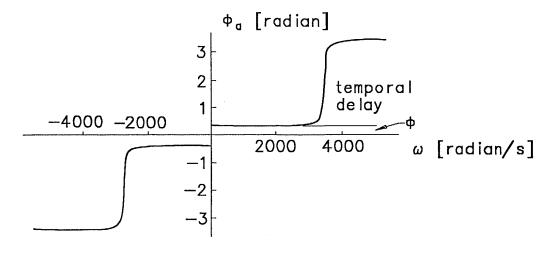


FIG. 41

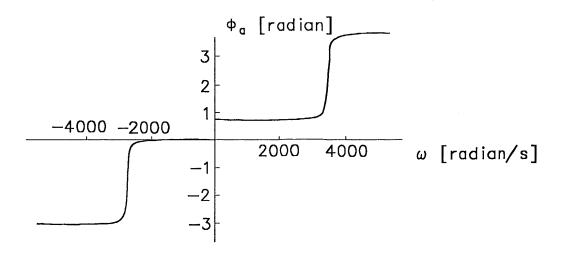


FIG. 42